

INTEGRATED CONNECTOR MODULES

L834-1G1T-S7 Gigabit Ethernet Ultra Low Profile Single Port MagJack® with LEDs



LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
-	+	GREEN	-	+	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

TRANSFORMER RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%
DC @ 100kHz/100mVRMS	(0-70 Deg. C)
8mA DC BIAS	350µH MIN.

INS. LOSS

0.1MHz TO 1MHz	-1.1 dB MAX
1MHz TO 65MHz	-0.5 dB MAX
65MHz TO 100MHz	-0.8 dB MAX
100MHz TO 125MHz	-1.2 dB MAX
RET. LOSS (MIN) @ 100 OHMS +/-15%	
0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB

CM TO CM REJ

100kHz - 100MHz	-30 dB MIN
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CM TO DM REJ

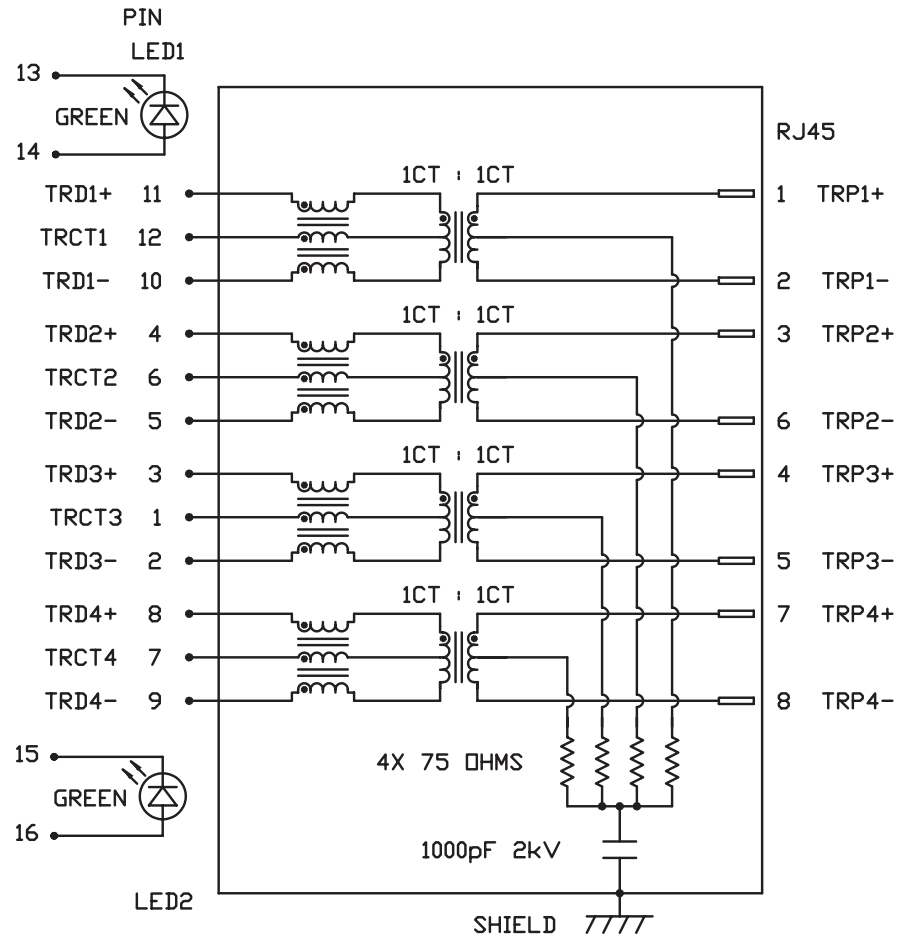
100kHz - 100MHz	-35 dB MIN
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HIPOT (Isolation Voltage): 1500 Vrms / 2250 VDC

100% OF PRODUCT TESTED IN PRODUCTION

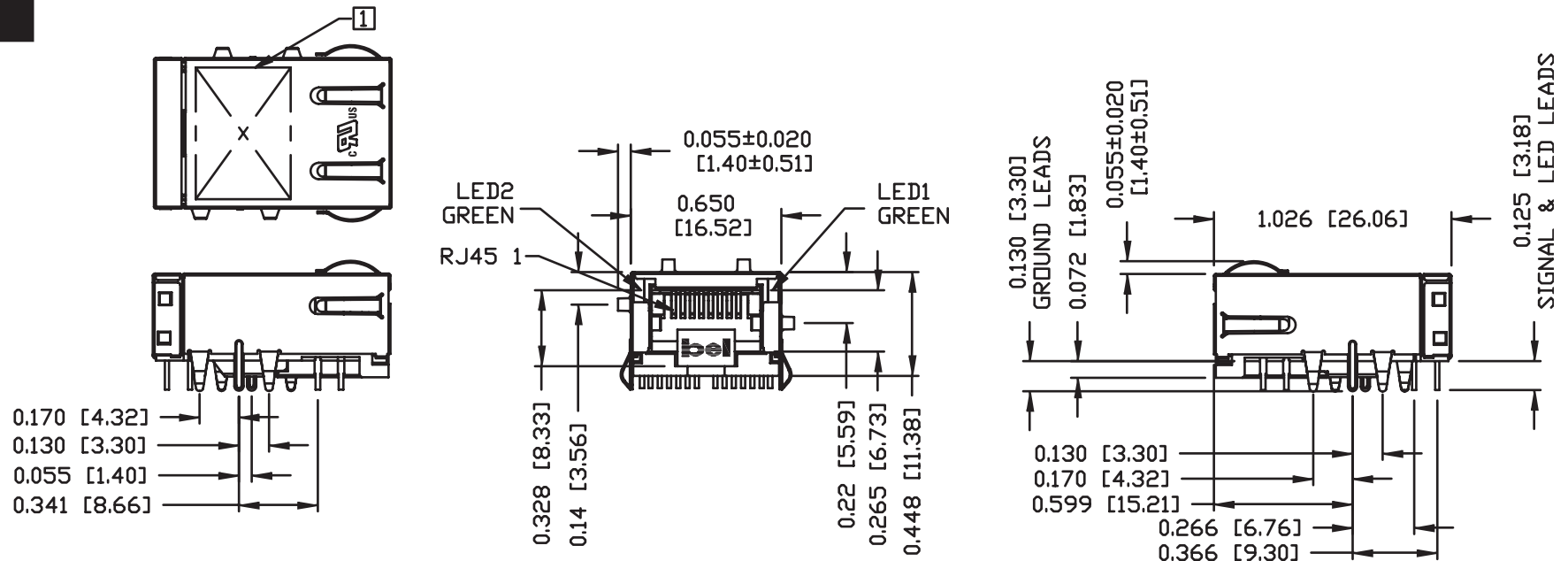
LED 1& LED2

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.



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NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
 FLAMMABILITY RATING UL 94V-0

CONTACTS: 30 MICRO-INCH HARD GOLD PLATING

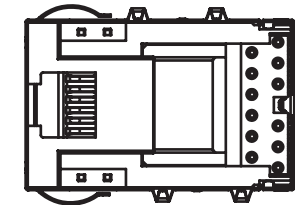
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.

METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
 (ALL GROUND LEADS ARE SOLDER DIPPED)

1. MARK PART WITH MFG. LOGO, MFG. NAME, PART NUMBER, AND DATE CODE.

2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

c  US UL RECOGNIZED - FILE #E196366 AND E169987.

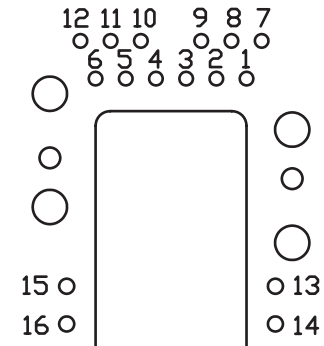
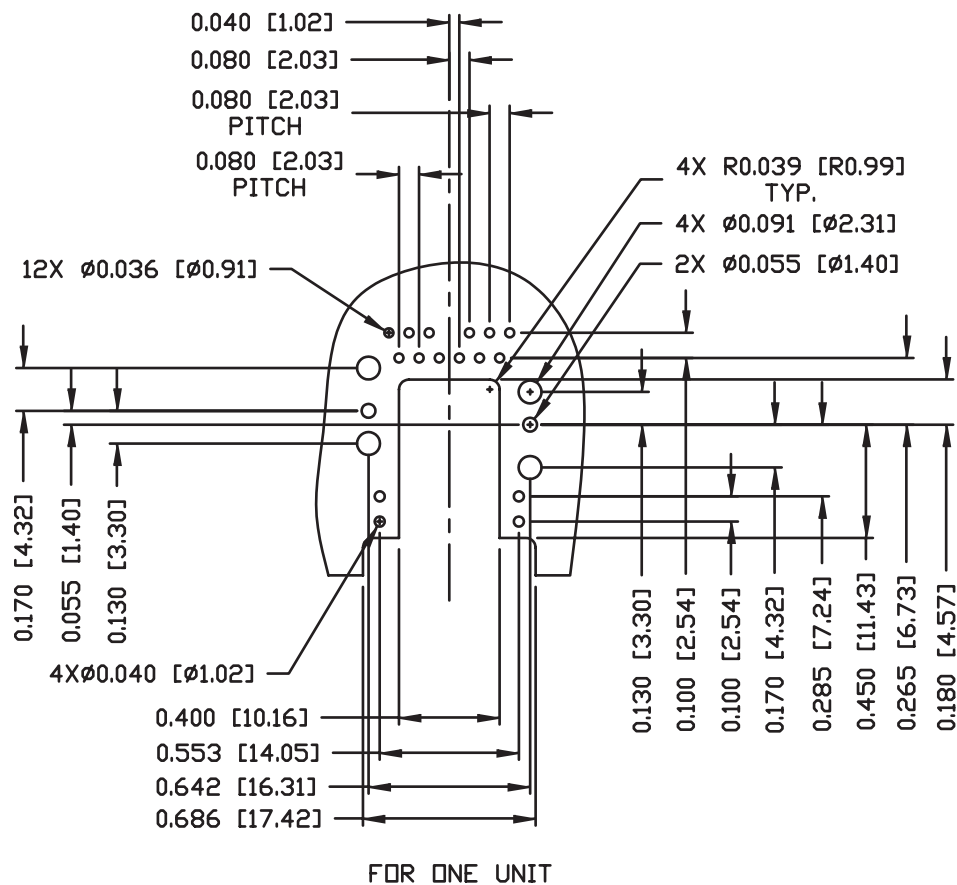


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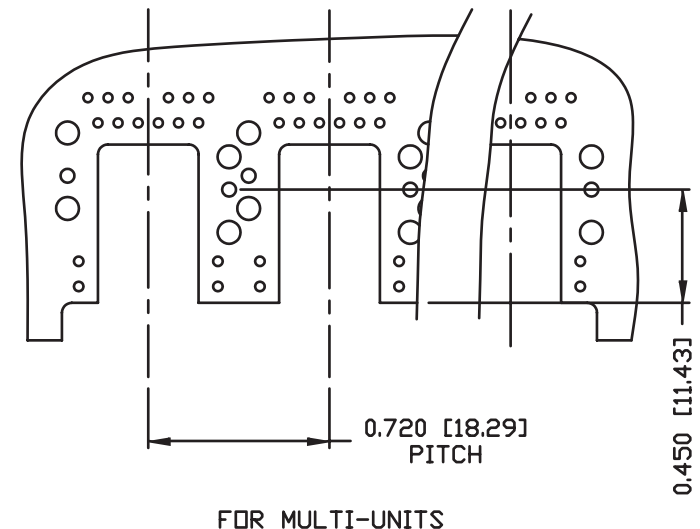
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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



PIN-OUT ASSIGNMENT
(SCALE 1.5:1)

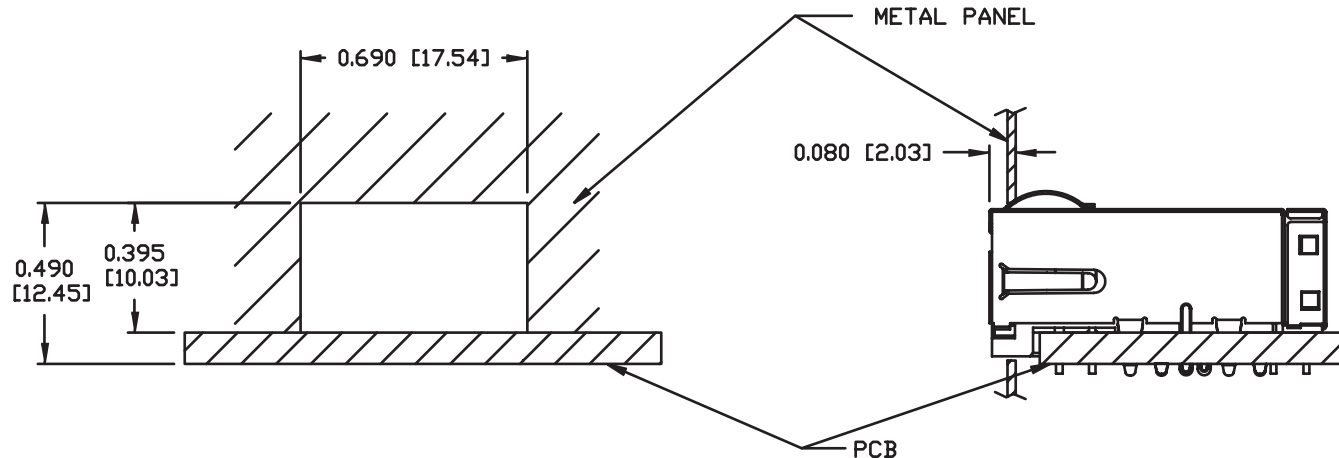


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SUGGESTED PANEL OPENING



NOTE:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-9999-M3(TOP)
0200-9999-M4(BOTTOM)

PACKING QUANTITY : 65 PCS FINISHED GOODS PER TRAY.
12 TRAYS (780 PCS FINISHED GOODS) PER CARTON BOX.

NOTE: CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX.
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)